

WHAT IS CLAIMED IS:

1. A system for testing a device, comprising:
a processor operable to:
execute a plurality of test instructions, the
5 plurality of test instructions operable to test a device;
and
generate a plurality of test signals associated
with the plurality of test instructions; and
an interface apparatus coupled to the processor and
10 operable to communicate the plurality of test signals to
the device, the interface apparatus comprising a
plurality of connectors, each connector operable to
communicate at least one signal of the plurality of test
signals.
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2. The system of Claim 1, wherein the plurality of
test signals comprises a radio frequency signal and a
high speed digital signal.
- 20 3. The system of Claim 1, wherein:
the plurality of test signals comprises a radio
frequency signal and a high speed digital signal; and
the plurality of connectors comprises a first
connector operable to communicate the radio frequency
25 signal and a second connector operable to communicate the
high speed digital signal.
4. The system of Claim 1, wherein the interface
apparatus comprises a coupling plane, the coupling plane
30 comprising the plurality of connectors arranged in a
plurality of rows.

5. The system of Claim 1, wherein:

the interface apparatus has an annular shape with an inner edge and an outer edge; and

5 a portion of the plurality of connectors is arranged in a curved line between the inner edge and the outer edge.

6. The system of Claim 1, wherein the processor is located at a test assembly comprising a movable rack, the
10 movable rack operable to transport the test assembly from a first location to a second location.

7. The system of Claim 1, wherein the processor is located at a test assembly comprising a movable rack, the
15 movable rack operable to move the test assembly from a first height to a second height.

8. The system of Claim 1, further comprising a test head coupled to the interface apparatus and operable
20 to apply the plurality of test signals to the device.

9. The system of Claim 1, further comprising a plurality of test modules coupled to the processor, the plurality of test modules operable to transmit the
25 plurality of test signals to the interface apparatus.

10. The system of Claim 1, further comprising a handler coupled to the interface apparatus and operable to automatically position the device substantially
30 proximate to the interface apparatus.

11. An interface apparatus for communicating a plurality of signals, comprising:

5 a plurality of first connectors, each first connector operable to communicate a test signal comprising a radio frequency signal generated by a processor; and

a plurality of second connectors operable to communicate a test signal comprising a high speed data signal generated by a processor.

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12. The interface apparatus of Claim 11, further comprising a coupling plane, the coupling plane comprising the plurality of first connectors and the plurality of second connectors arranged in a plurality of rows.

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13. The interface apparatus of Claim 11, wherein:
the interface apparatus has an annular shape with an inner edge and an outer edge; and

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a portion of the plurality of connectors is arranged in a curved line between the inner edge and the outer edge.

14. A method for testing a device, comprising:
executing a plurality of test instructions, the
plurality of test instructions operable to test a device;
generating a plurality of test signals associated
5 with the plurality of test instructions; and
communicating the plurality of test signals to the
device using an interface apparatus, the interface
apparatus comprising a plurality of connectors, each
connector operable to communicate at least one signal of
10 the plurality of test signals.

15 15. The method of Claim 14, wherein the plurality
of test signals comprises a radio frequency signal and a
high speed digital signal.

16. The method of Claim 14, wherein the plurality
of test signals comprises a radio frequency signal and a
high speed digital signal, and further comprising:
communicating the radio frequency signal at a first
20 connector of the plurality of connectors; and
communicating the high speed digital signal at a
second connector of the plurality of connectors.

25 17. The method of Claim 14, wherein the interface
apparatus comprises a coupling plane, the coupling plane
comprising the plurality of connectors arranged in a
plurality of rows.

18. The method of Claim 14, wherein:
the interface apparatus has an annular shape with an
inner edge and an outer edge; and
a portion of the plurality of connectors is arranged
5 in a curved line between the inner edge and the outer
edge.

19. A system for testing a device, comprising:
means for executing a plurality of test
instructions, the plurality of test instructions operable
to test a device;

5 means for generating a plurality of test signals
associated with the plurality of test instructions; and

means for communicating the plurality of test
signals to the device, the means for communicating
comprising a plurality of connectors, each connector
10 operable to communicate at least one signal of the
plurality of test signals.

20. A system for testing a device, comprising:

a processor operable to:

execute a plurality of test instructions, the
plurality of test instructions operable to test a device;
5 and

generate a plurality of test signals associated
with the plurality of test instructions, the plurality of
test signals comprising a radio frequency signal and a
high speed digital signal, the processor located at a
10 test assembly comprising a movable rack, the movable rack
operable to:

transport the test assembly from a first
location to a second location; and

move the test assembly from a first height
15 to a second height;

an interface apparatus coupled to the processor and
operable to communicate the plurality of test signals to
the device, the interface apparatus comprising a coupling
plane, the coupling plane comprising a plurality of
20 connectors arranged in a plurality of rows, the interface
apparatus having an annular shape with an inner edge and
an outer edge, a portion of the plurality of connectors
arranged in a curved line between the inner edge and the
outer edge, each connector of the plurality of connectors
25 operable to communicate at least one signal of the
plurality of test signals, the plurality of connectors
comprising a first connector operable to communicate the
radio frequency signal and a second connector operable to
communicate the high speed digital signal;

30 a plurality of test modules coupled to the
processor, the plurality of test modules operable to

transmit the plurality of test signals to the interface apparatus;

5 a test head coupled to the interface apparatus and operable to apply the plurality of test signals to the device; and

a handler coupled to the interface apparatus and operable to automatically position the device substantially proximate to the interface apparatus.